

02/03/94

15:32
RADIATION/PHARMACEUTICAL DIVISION
331 Treble Cove Road
No. Billerica, MA 01862
(508) 667 9331

NO. 220 P001/001

To	Betsy Ulrich	From	Skip Roy
Co.	USNRC Region I	Co.	DuPont Merck
Dept.		Phone #	508-671-8242
Fax #	215-387-5373	Fax #	508-671-8149

February 3, 1994
 License No. ~~50-28598-01~~
 Docket No. 030-3203
 MLER-RI = 94-74-04-07

DUPONT
MERCK

Administrator
 USNRC Region I
 475 Allendale Road
 King of Prussia, PA 19406

This report is being made in compliance with the requirements of 10 CFR 20.1906 (d).

At 9:20 AM this morning 2/3/94 Federal Express delivered a ⁹⁹Mo/^{99m}Tc Technelite generator to our facility reading in excess of 200 mR/hr on the surface of the package. The generator was being returned for technical analysis, from the customer, the Walter Reed Army Medical Center.

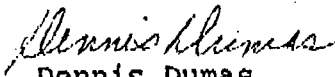
The Radiation Protection Office was notified by Receiving at approximately 9:40 AM. The Radiation Protection Office responded, and measured 290 mR/hr on contact with the package top. At a distance of 1 meter the radiation level was 10.3 mR/hr. Contact radiation on all other sides of the package was less than 200 mR/hr. No contamination was detected on the exterior of the package. The package was received in good condition and labeled with DOT Yellow III labels with the following information: 99Mo, T.I 1.0, 99.9 GBq. The original generator activity was 2700 mCi, the generator identification number was 9403-6D-109.

The generator had been sent by Yvette Marquez Sayer, from the Walter Reed Army Medical Center, Nuclear Medicine Room 7 A, 6825 Sixteenth St. North West, Washington, D.C. 20307. The generator was returned due to a broken charge vial needle. The DMPC, "Return Products - PAC BAC" control/RA# was 1874, dated 1/27/94.

The package was sent Federal Express "priority overnight" on 2/2/94 (Airbill tracking number 6061262454).

Upon examination of the generator, the cause for the radiation levels was contaminated liquid on the top, exterior of the generator.

The customer, the final delivering carrier Federal Express and the NRC Region have been verbally notified of this situation. Please contact me if you require any additional information.

Sincerely,

 Dennis Dumas
 Manager, Safety and
 Environmental Engineering

W/22

A Partnership of Du Pont and Merck & Co., Inc.


 9404180240 940203
 REG1 LIC30
 20-28598-01

RETURN ORIGINAL TO
 REGION I

1130

15:32
RADIATION MONITORING DIVISION
331 Treble Cove Road
No. Dillerica, MA 01862
(508) 667 9331

NO. 228		P001/001	
To	Betty Ulrich	From	Skip Roy
Co.	USNRC Region I	Co.	DuPont Merck
Dept.		Phone	508-671-8242
Fax #	215-337-5373	Fax #	508-671-8149

February 3, 1994.
 License No. 08-01738-02
 Docket No. 030-01317-
 OILER-RI - 947 94-09



Administrator
 USNRC Region I
 475 Allendale Road
 King of Prussia, PA 19406

This report is being made in compliance with the requirements of 10 CFR 20.1906 (d).

At 9:20 AM this morning 2/3/94 Federal Express delivered a ⁹⁹Mo/^{99m}Tc Technelite generator to our facility reading in excess of 200 mR/hr on the surface of the package. The generator was being returned for technical analysis, from the customer, the Walter Reed Army Medical Center.

The Radiation Protection Office was notified by Receiving at approximately 9:40 AM. The Radiation Protection Office responded, and measured 290 mR/hr on contact with the package top. At a distance of 1 meter the radiation level was 10.3 mR/hr. Contact radiation on all other sides of the package was less than 200 mR/hr. No contamination was detected on the exterior of the package. The package was received in good condition and labeled with DOT Yellow III labels with the following information: 99Mo, T.I 1.0, 99.9 GBq. The original generator activity was 2700 mCi, the generator identification number was 9403-6D-109.

The generator had been sent by Yvette Marquez Sayer, from the Walter Reed Army Medical Center, Nuclear Medicine Room 7 A, 6825 Sixteenth St. North West, Washington, D.C. 20307. The generator was returned due to a broken charge vial needle. The DMPC, "Return Products - PAC BAC" control/RA# was 1874, dated 1/27/94.

The package was sent Federal Express "priority overnight" on 2/2/94 (Airbill tracking number 6061262454).

Upon examination of the generator, the cause for the radiation levels was contaminated liquid on the top, exterior of the generator.

The customer, the final delivering carrier Federal Express and the NRC Region have been verbally notified of this situation. Please contact me if you require any additional information.

Sincerely,


 Dennis Dumas
 Manager, Safety and
 Environmental Engineering

A Partnership of Du Pont and Merck & Co., Inc.



RETURN ORIGINAL TO
 REGION I

110 / X30

TELEPHONE CONVERSATION RECORD	Date: 2/3/94	Time: 1:20 PM
Mail Control No.: N/A	License No.: 20-28598-01	Docket No.: 030-_____
Person Called: Betsy Ullrich	Licensee: DuPont Merck Pharmaceutical	Telephone No.:
Person Calling: Skip Roy, Health Physicist, Regulatory Affairs, North Billerica, MA		
Subject: radiation levels exceeding 200 millirem per hour contact		
<p>Summary: DuPont Merck Pharmaceutical Company in North Billerica, massachusetts reported that they received a moly/tech generator, returned by a customer, today that measured 290 millirem/hour at the top surface of the package; 10.3 millirem/hour at 3 feet from the top of the package; and no measurable removable contamination.</p> <p>The generator was returned to DuPont by Walter Reed Army Medical Center in Washington, DC. The customer contacted duPont on Monday, stating that the charge needle had broken during elution of the generator; DuPont told them to return the generator to North Billerica for examination. Customer representatives (Yvette Sayer and CPT. Jasper Watkins of the Nuc Med dept) told DuPont on Monday that, packaged, the generator measured 50 millrem/hour on contact and had a TI of 1.0. The package was shipped on Wednesday to DuPont.</p> <p>The receipt surveys at DuPont identified the higher radiation levels. DuPont technicians opened the generator oin their laboratory area, and determined that liquid is present in the charge well (it shoudn't be there) and droplets of liquid are visible on the can top. Preliminary results indicate that the liquid is moly, but further tests are being done. this is being reported in accordance with 20.1906 and the written notification required is being faxed to the RA as required.</p> <p>They did notify Federal Express, who was the carrier for the package.</p>		
Action Required/Taken: <i>copy to file : DuPont 20-28598-01</i> <i>: Walter Reed 08-01738-02</i>		
Signature:  Betsy Ullrich	Date: 2/3/94	

WAIT FOR WRITTEN REPORT.
 INSPECT BOTH, NEXT ROUTINE

REGION I
NMSS LICENSEE EVENT REPORT

License No. 20-28598-01

Docket No. 030-32013

MLER-RI ~~94-74~~ 94-07

1. ACTION CONTROL DATA

Licensee DuPont Merak

Event Description Excessive radiation levels from package

Event Date 2-3-94

Report Date 2-3-94

2. REPORTING REQUIREMENT

- 10 CFR ^{20.2201} 20.402 Theft or Loss 10 CFR 35.33 Misadministration
 10 CFR 30.50 Immediate/24 Hr. Notification Report License Condition
 10 CFR 20.405 30 Day Report ^{20.2203}

Other 20.1906(d)

3. REGION I RESPONSE

- Immediate Site Inspection Inspector/Date _____
 Special Inspection Inspector/Date _____
 Telephone Inquiry Inspector/Date _____
 Preliminary Notification Daily Report

Information entered on the Region I log
 Review at next routine inspection
 Report referred to M. Shanbaky & J. Johansen 2-3-94

4. REPORT EVALUATION

- Description of event Corrective actions
 Levels of RAM involved Calculation adequate
 Cause of event Letter to licensee requesting additional information

Completed by Lara White Date 2-28-94

Reviewed by E. White Date 3/17/94

5. SPECIAL INSTRUCTIONS OR COMMENTS

REGION I
NMSS LICENSEE EVENT REPORT

License No. 08-01738-02

Docket No. 030-01317

MLER-RI 94-76 94-09

1. ACTION CONTROL DATA

Licensee Walter Reed Army Hospital

Event Description Excessive radiation levels from package

Event Date 2-3-94

Report Date 2-3-94

2. REPORTING REQUIREMENT

- 10 CFR ^{20.2201} ~~20.402~~ Theft or Loss
 10 CFR 30.50 Immediate/24 Hr. Notification Report
 10 CFR 35.33 Misadministration
 License Condition
 10 CFR ~~20.405~~ 30 Day Report
^{20.2203}

Other 20.1906(d)

3. REGION I RESPONSE

- Immediate Site Inspection
 Special Inspection
 Telephone Inquiry
 Preliminary Notification
 Information entered on the Region I log
 Review at next routine inspection
 Report referred to _____
- Inspector/Date _____
Inspector/Date _____
Inspector/Date _____
 Daily Report

4. REPORT EVALUATION

- Description of event
 Levels of RAM involved
 Cause of event
 Corrective actions
 Calculation adequate
 Letter to licensee requesting additional information

Completed by Lawrence L. White Date 3-23-94

Reviewed by Elizabeth M. Ullrich Date 3/23/94

5. SPECIAL INSTRUCTIONS OR COMMENTS